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Amendments to the Specification

Please replace the paragraph beginning at page 1, line 3 with the following amended paragraph:

This application is a National Stage application under 35 U.S.C. § 371 and claims benefit under 35 U.S.C. § 119(a) of International Application No. PCT/US00/11416 having an International Filing Date of April 28, 2000, which is a continuation-in-part of U.S. Serial No. 09/302,239, filed on April 29, 1999, now U.S. Patent No. 6,693,075, which is a continuation-in-part of U.S. Serial No. 08/955,636, filed on October 23, 1997, now U.S. Patent No. 6,015,700.

CAS
9/20/06

Please replace the paragraph beginning at page 8, line 30 with the following amended paragraph:

Figure 15 depicts the membrane interaction properties of different vitamin K-dependent proteins. Panel A The top panel compares membrane interaction of human (filled circles) and bovine (open circles) Factor X. Panel B The middle panel shows membrane interaction by normal bovine prothrombin fragment 1 (open circles), fragment 1 modified with TNBS in the absence of calcium (filled circles) and fragment 1 modified with TNBS in the presence of 25 mM calcium (filled squares). Panel C The bottom panel shows the rate of protein Z binding to vesicles at pH 9 (filled circles) and 7.5 (open circles).

CAS
9/20/06

Please replace the paragraph beginning at page 48, line 5 with the following amended paragraph:

48 last paragraph

The results in Figure 15C the bottom panel of Figure 15 show that the association rate for protein Z was substantially improved at pH 9, where an amino terminal should be uncharged. The rate constant obtained from these data was about 12-fold higher at pH 9 than at pH 7.5 (Figure 15C).